

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) Reflective layer for the attenuation of electromagnetic radiation, ~~including~~ comprising at least one reflective layer, ~~including which includes~~ at least one reflective component, ~~characterised in that wherein:~~
  - ~~for the reflective layer, serving as the~~ reflective component, comprises a substance or a mixture of ~~the group of the following~~ substances is selected from the group consisting of: carbon particles or fibres, ~~in particular carbon black and/or graphite and/or an electrically conductive graphite composition,~~ metal particles and/or fibres; ~~in particular copper, aluminium, steel, titanium and/or iron particles or fibres as well as particles of metal alloys, that~~
  - the reflective layer attenuates electromagnetic radiation in a range of 16 Hz up to 10 GHz by more than 10 dB; ~~that~~
  - the reflective layer is waterproof and water vapour pervious; ~~that~~
  - the reflective layer is weather-resistant; ~~and that~~
  - the reflective layer is adapted for applying a potential compensation means.
2. (Currently amended) Reflective layer according to claim 1, ~~characterised in that wherein~~ the reflective layer attenuates the electromagnetic radiation in a range between 200 MHz and 10 GHz by more than 10 dB.
3. (Currently amended) Reflective layer according to claim 1, ~~characterised in that wherein~~ the reflective component

includes a binder.

4. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the reflective layer is of multiple layer structure, wherein at least one layer of the reflective layer includes a mixture of a binder and a reflecting component.
5. (Currently amended) Reflective layer according to claim 4, ~~characterised in that~~ wherein ~~a layer of~~ the reflective layer ~~takes the form of~~ comprises a metal layer, ~~in particular a metal layer formed by vapour coating.~~
6. (Currently amended) Reflective layer according to claim 4, ~~characterised in that~~ wherein the reflective layer includes at least one layer having a reflective component composed of a metal or metal alloy and at least one layer including a reflective component of a non-metal.
7. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the binder is a single or dual component resin, ~~in particular an epoxy resin, a polyurethane resin composition and/or a polyacrylate composition.~~
8. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the binder is water vapour pervious.
9. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the incident electromagnetic radiation in a range of 16 Hz up to 10 GHz, ~~preferably in a range of 200 MHz up to 10 GHz,~~ is attenuated by more than

15 dB, ~~preferably by more than 20 dB,~~ at least regionally.

10. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the reflective layer is designed for the mechanical application, ~~in particular by interhooking of a potential compensation means.~~
11. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the reflective layer is applied onto a substrate, ~~in particular onto a non-woven web or a foil.~~
12. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the substrate material is produced of a plastics, ~~in particular of polyester, polyethylene, polyacrylate, glass fibre, paper, polyamide, polyurethane or textile fibres or mixtures of the aforesaid fibre and/or resin types.~~
13. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the reflective layer ~~and where applicable also the substrate~~ is in the form of a flexible strip.
14. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the reflective layer has normal flame resistance, being classified as fire protective class B2.
15. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein a foamed layer ~~which optionally contains a flame retardant has been~~ is applied onto a the at least one reflective layer.

16. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein in the case of a multiple layer strip including a reflective layer, the reflective layer is provided on the outside or the inside.
17. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein a dispersion agent, a softening agent and/or an agent counteracting embrittlement of the reflective layer, ~~stabilisers and/or flame retardants have~~ has been added to the reflective layer.
18. (Currently amended) Reflective layer according to claim 1, ~~characterised in that~~ wherein the reflective layer after an exposure of 1 month to ~~the~~ weather attenuates the electromagnetic radiation incident onto the reflective layer in a range between 16 Hz up to 10 GHz, ~~preferably in a range of 200 MHz up to 10 GHz~~ unchanged by more than 10 dB.
19. (Currently amended) Process for attenuating electromagnetic radiation, comprising the steps of: ~~in which~~
- providing a waterproof and water vapour pervious reflective layer for attenuating electromagnetic radiation ~~includes~~ including at least one layer of a reflective component and a binder, and in which the reflective layer is adapted for the application of a potential compensation means,
  - ~~is applied~~ applying the reflective layer in such a manner that the reflective layer faces the incident electromagnetic radiation, and
  - fitting the reflective layer with a potential compensation means ~~is fitted and, where applicable, a plurality of reflective layers are interconnected by~~

~~means of a potential compensation means.~~

20. (Currently amended) Process according to claim 19,  
~~characterised in that wherein as a the~~ reflective component  
~~comprises~~ a substance ~~is used~~ or a mixture selected from  
the group consisting of ~~the following substances:~~ carbon  
particles or fibres, ~~in particular carbon black and/or~~  
~~graphite and/or an electrically conductive graphite~~  
~~composition,~~ metal particles and/or fibres, ~~in particular~~  
~~copper, aluminium, titanium, steel and/or iron particles or~~  
~~fibres as well as particles of a metal alloy.~~
21. (currently amended) Potential compensation means for use  
for connecting two reflective layers according to claim 1,  
~~characterised in that wherein~~ the potential compensation  
means ~~takes the form of~~ comprises a metal strip ~~or as a~~  
~~strip comprising the features of the reflective layer~~  
~~according to claim 1.~~
22. (new) Reflective layer according to claim 1, wherein the  
carbon particles or fibres are selected from the group  
consisting of carbon black, graphite and electrically  
conductive graphite compositions.
23. (new) Reflective layer according to claim 1, wherein the  
carbon particles or fibres are selected from the group  
consisting of copper, aluminium, steel, titanium and iron  
particles or fibres as well as particles of metal alloys.
24. (new) Reflective layer according to claim 5, wherein the  
metal layer comprises a metal layer formed by vapour-  
coating.

25. (new) Reflective layer according to claim 7, wherein the binder is selected from the group consisting of epoxy resin, polyurethane resin composition and polyacrylate composition.
26. (new) Reflective layer according to claim 9, wherein the incident electromagnetic radiation in a range of 200 MHz up to 10 GHz, is attenuated by more than 20 dB at least regionally.
27. (new) Reflective layer according to claim 10, wherein the reflective layer is designed for mechanical application by interhooking of a potential compensation means.
28. (new) Reflective layer according to claim 11, wherein the substrate comprises a non-woven web or a foil.
29. (new) Reflective layer according to claim 12, wherein the substrate material is produced of plastics selected from the group consisting of polyester, polyethylene, polyacrylate, glass fibre, paper, polyamide, polyurethane or textile fibres and mixtures thereof.
30. (new) Reflective layer according to claim 15, wherein the foamed layer contains a flame retardant.
31. (new) Reflective layer according to claim 1, wherein the reflective layer after an exposure of 1 month to weather attenuates the electromagnetic radiation incident onto the reflective layer in a range of 200 MHz up to 10 GHz unchanged by more than 10 dB.
32. (new) Potential compensation means for use for connecting

two reflective layers according to claim 1, wherein the potential compensation means comprises a metal strip comprising the features of the reflective layer according to claim 1.